



Patent
Attorney's Docket No. 0023-0128CIP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Valentino LIVA et al.) Group Art Unit: 2661
Application No.: 10/033,378) Examiner: Unassigned
Filed: October 24, 2001)
For: ENHANCED FIBER NODES WITH)
CMTS CAPABILITY)

INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

U.S. Patent and Trademark Office
Customer Service Window, Mail Stop Amendment
Randolph Building
401 Dulany Street
Alexandria, Virginia 22314

Sir:

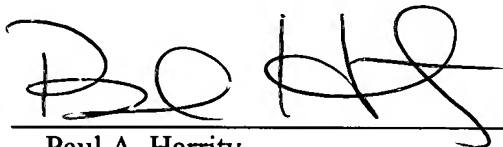
Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of the IDS is required.
- ☐ The fee of \$180.00 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ Charge \$ _____ to Deposit Account No. 50-1070 for the fee due.
- ☐ A check in the amount of \$ _____ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any other appropriate fees that may be required by this paper that are not accounted for above, and to credit any overpayment, to Deposit Account No. 50-1070.

Respectfully submitted,

HARRITY & SNYDER, L.L.P.

By: 
Paul A. Harrity
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CUSTOMER NUMBER: 26615

Date: January 14, 2005



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INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

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Alexandria, Virginia 22314

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant(s) bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action in the above-referenced application. As such, no certification or fee is required. Copies of the non-U.S. patent documents are attached.

Applicant(s) respectfully request(s) that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

If any copending application(s) is/are cited on the attached PTO 1449, the Examiner's attention is directed to the foregoing application(s) in compliance with § 2001.06(b) of the Manual of Patent Examining Procedure. By identifying the copending application(s), the assignee and/or applicant of the application(s) do not waive confidentiality of the application(s). Accordingly, the U.S. Patent and Trademark Office is requested to maintain the confidentiality of the copending application(s) under 35 U.S.C. § 122.

This submission does not represent that a search has been made and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicant(s) determine(s) that the cited document(s) do not constitute "prior art" under United States law, Applicant(s) reserve(s) the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

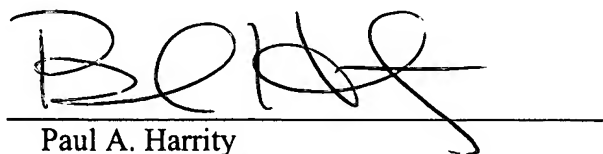
Applicant(s) further reserve(s) the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 50-1070.

Respectfully submitted,

HARRITY & SNYDER, L.L.P.

By:


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				APPLICANT(S) Valentino LIVA et al.			
				FILING DATE October 24, 2001		GROUP 2661	

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U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5,533,023	07/02/1996	Ohlson et al.			
	5,903,550	05/11/1999	Spock			
	6,452,424	09/17/2002	Shamlou et al.			
	6,574,797	06/03/2003	Naegeli et al.			
	6,650,624	11/18/2003	Quigley et al.			
	6,721,371	04/13/2004	Barham et al.			
	6,263,195	07/17/2001	Niu et al.			
	6,282,184	08/28/2001	Lehman et al.			
	6,160,572	12/12/2000	Matsuura			
	6,088,399	07/11/2000	Luz et al.			
	5,590,156	12/31/1996	Carney			

FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation
						Yes

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Alok Sharma, co-pending U.S. Patent Application No. 09/800,397, filed March 5, 2001, entitled "Transceiver Channel Bank with Reduced Connector Density", 45 pp.
	Valentino Liva et al., co-pending U.S. Patent Application No. 09/715,992, filed November 16, 2000, entitled "Methods and Apparatus for Transmission of Analog Channels Over Digital Packet Networks", 57 pp.
	"Data-Over-Cable Service Interface Specifications: Radio Frequency Interface Specification", SP-RF1v1.1-I03-991105, 1999 Cable Television Laboratories, Inc., 382 pp.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).



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		APPLICANT(S) Valentino LIVA et al.	
		FILING DATE October 24, 2001	GROUP 2661

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5,930,231	07-1999	Miller et al.			
	6,356,374	03-2002	Farhan			
	6,449,071	09-2002	Farhan et al.			
	6,519,773	02-2003	Ahmed et al.			
	6,021,158	02-2000	Schurr et al.			
	6,608,837	08-2003	Brodigan			

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Valentino Liva et al., co-pending U.S. Patent Application No. 10/033,383, filed October 24, 2001, entitled "Enhanced CMTS for reliability, availability, and serviceability", 58 pp.

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